

INVENTOR SEARCH

09/995,277

May 10, 2002

L17 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2002 ACS
 AN 1999:511185 HCAPLUS
 DN 131:156910
 TI Three-dimensional structures and models of Fc receptors and uses thereof
 IN Hogarth, P. Mark; Powell, Maree S.; McKenzie, Ian F. C.; Maxwell, Kelly F.; Garrett, Thomas P. J.; Epa, Vidana; Baell, Jonathan B.; Matthews, Barry R.; McCarthy, Thomas D.; Pietersz, Geoffrey A.
 PA Ilexus Pty. Limited, Australia
 SO PCT Int. Appl., 327 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

Off. Inv.
entitled

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9940117	A1	19990812	WO 1999-IB367	19990204
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2316860	AA	19990812	CA 1999-2316860	19990204
	AU 9924382	A1	19990823	AU 1999-24382	19990204
	BR 9907964	A	20001017	BR 1999-7964	19990204
	EP 1053255	A1	20001122	EP 1999-903878	19990204
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	NO 2000003964	A	20001004	NO 2000-3964	20000804
PRAI	US 1998-73972P	P	19980206		
	US 1998-99994P	P	19980911		
	WO 1999-IB367	W	19990204		
AB	Disclosed are crystals, crystal structure Fc.gamma.RIIa protein, three-dimensional coordinates of Fc.gamma.RIIa protein, and structures and models derived from the Fc.gamma.RIIa structure. Also disclosed are crystals of FcϵRI protein and three-dimensional coordinates of Fc. epsilon.RI protein monomers and dimers derived from the Fc.gamma.RIIa structure. Also disclosed are three-dimensional coordinates of Fc.gamma.RIIb proteins and models of Fc.gamma.RIIb derived from the Fc.gamma.RIIa structure. The present invention also includes methods to produce such crystals, crystal structures and models. Uses of such crystals, crystal structures and models are also disclosed, including structure based drug design and therapeutic compns. for IgG-mediated tissue damage, hypersensitivity and inflammation.				
IT	131597-43-8 155360-69-3 237072-16-1, Fc.gamma.RIIa receptor (human) 237072-19-4, Fc.gamma.RIIb receptor (human) 237072-22-9, Fc.gamma.RIIc receptor (human) 237072-24-1, Fc.gamma.RI receptor (human) 237072-26-3 237072-29-6 237072-33-2 237072-41-2, Fc.gamma.RIII receptor (human clone seq8)				
RL	PRP (Properties) (amino acid sequence; three-dimensional structures and models of Fc receptors for drug design for treating IgG-mediated tissue damage, hypersensitivity and inflammation)				

RN 131597-43-8 HCAPLUS
CN Receptor, immunoglobulin A (human clone pHuFc.alpha.R precursor protein moiety reduced) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 155360-69-3 HCAPLUS
CN Fc.epsilon.RI receptor (human clone p1-p26 subunit .alpha. reduced) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 237072-16-1 HCAPLUS
CN Fc.gamma.RIIa receptor (human) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 237072-19-4 HCAPLUS
CN Fc.gamma.RIIb receptor (human) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 237072-22-9 HCAPLUS
CN Fc.gamma.RIIc receptor (human) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 237072-24-1 HCAPLUS
CN Fc.gamma.RI receptor (human) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 237072-26-3 HCAPLUS
CN Fc.gamma.RIIa receptor [27-glutamine,131-arginine] (human) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 237072-29-6 HCAPLUS
CN Fc.gamma.RIIa receptor [27-tryptophan,131-histidine] (human) (9CI) (CA INDEX NAME)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

RN 237072-33-2 HCAPLUS
CN Fc.gamma.RIIa receptor [27-tryptophan,131-arginine] (human) (9CI) (CA INDEX NAME)

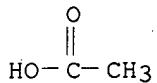
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RN 237072-41-2 HCAPLUS
CN Fc.gamma.RIII receptor (human clone seq8) (9CI) (CA INDEX NAME)

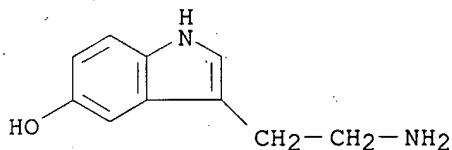
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IT 64-19-7, Acetic acid, biological studies
RL: ARU (Analytical role, unclassified); BSU (Biological study, unclassified); ANST (Analytical study); BIOL (Biological study)
(buffer; three-dimensional structures and models of Fc receptors for drug design for treating IgG-mediated tissue damage, hypersensitivity and inflammation)

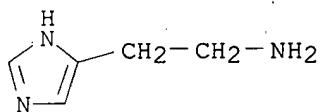
RN 64-19-7 HCAPLUS
CN Acetic acid (7CI, 8CI, 9CI) (CA INDEX NAME)



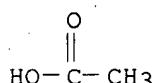
IT 50-67-9, biological studies 51-45-6, Histamine,
biological studies
RL: BOC (Biological occurrence); BSU (Biological study, unclassified);
BIOL (Biological study); OCCU (Occurrence)
(release stimulation; three-dimensional structures and models of Fc
receptors for drug design for treating IgG-mediated tissue damage,
hypersensitivity and inflammation)
RN 50-67-9 HCPLUS
CN 1H-Indol-5-ol, 3-(2-aminoethyl)- (9CI) (CA INDEX NAME)



RN 51-45-6 HCPLUS
CN 1H-Imidazole-4-ethanamine (9CI) (CA INDEX NAME)

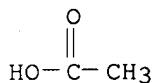


IT 127-09-3, Sodium acetate 631-61-8, Ammonium acetate
7365-45-9, HEPES 10377-48-7, Lithium sulfate
25322-68-3 92419-42-6
RL: ARU (Analytical role, unclassified); BUU (Biological use,
unclassified); ANST (Analytical study); BIOL (Biological study); USES
(Uses)
(three-dimensional structures and models of Fc receptors for drug
design for treating IgG-mediated tissue damage, hypersensitivity and
inflammation)
RN 127-09-3 HCPLUS
CN Acetic acid, sodium salt (7CI, 8CI, 9CI) (CA INDEX NAME)



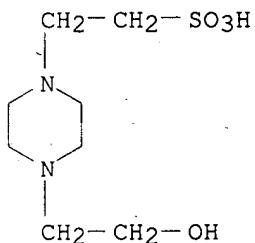
Na

RN 631-61-8 HCAPLUS
 CN Acetic acid, ammonium salt (8CI, 9CI) (CA INDEX NAME)

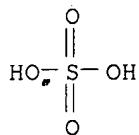


● NH₃

RN 7365-45-9 HCAPLUS
 CN 1-Piperazineethanesulfonic acid, 4-(2-hydroxyethyl)- (7CI, 8CI, 9CI) (CA INDEX NAME)

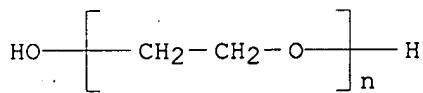


RN 10377-48-7 HCAPLUS
 CN Sulfuric acid, dilithium salt (8CI, 9CI) (CA INDEX NAME)



2 Li

RN 25322-68-3 HCAPLUS
 CN Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-hydroxy- (9CI) (CA INDEX NAME)



RN 92419-42-6 HCAPLUS

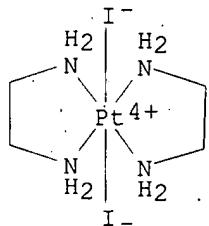
CN Platinum(2+), bis(1,2-ethanediamine-.kappa.N,.kappa.N')diido-, dinitrate
(9CI) (CA INDEX NAME)

CM 1

CRN 92419-41-5

CMF C4 H16 I2 N4 Pt

CCCI CCS



CM 2

CRN 14797-55-8

CMF N O3

